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Dated: 11/7/05

Signature:

(David J. Powsner)

2126

Docket No.: 102374-0015RCE
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Robert Martin et al.

Application No.: 09/823,940

Confirmation No.: 7591

Filed: March 30, 2001

Art Unit: 2126

For: METHODS AND APPARATUS FOR CALL
SERVICE PROCESSING

Examiner: H. N. Patel

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Applicant also reminds and/or calls the Examiner's attention to the following co-pending, commonly assigned U.S. Patent Applications:

| U.S. Serial No. | Filing Date | Title |
|-----------------|----------------|---|
| 09/823,938 | March 30, 2001 | TELECOMMUNICATIONS PORTAL CAPABLE OF INTERPRETING MESSAGES FROM AN EXTERNAL DEVICE |
| 10/172,782 | June 14, 2002 | SYSTEM AND PROCESSES FOR CALL AND CALL FEATURE ADMINISTRATION ON A TELECOMMUNICATIONS NETWORK |

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56 (b).

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 102374-0015RCE.

Dated: 11/7/05

Respectfully submitted,

By

David J. Powsner

Registration No.: 31,868

NUTTER MCCLENNEN & FISH LLP

World Trade Center West

155 Seaport Boulevard

Boston, Massachusetts 02210-2604

(617) 439-2717

(617) 310-9194 (Fax)

Attorney for Applicant



| | | | |
|---|--------------------|--------------------------|------------------------|
| FEE TRANSMITTAL For FY 2005 | | Complete if Known | |
| | | Application Number | 09/823,940-Conf. #7591 |
| | | Filing Date | March 30, 2001 |
| | | First Named Inventor | Robert Martin |
| | | Examiner Name | H. N. Patel |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit | 2126 |
| TOTAL AMOUNT OF PAYMENT | (\$) 180.00 | Attorney Docket No. | 102374-0015RCE |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: 141449 Deposit Account Name: Nutter McClennen & Fish LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| | | | | | |
|----------------------|---------------------|-----------------|----------------------|----------------------------------|----------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | |
| | | | | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | |
| | | | | | |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

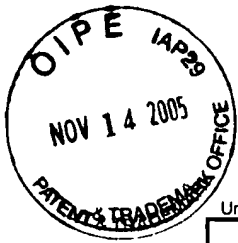
| | | | | |
|---------------------|---------------------|---|-----------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| | | | | |

4. OTHER FEE(S)

| | |
|--|-----------------------|
| Non-English Specification, \$130 fee (no small entity discount) | <u>Fees Paid (\$)</u> |
| Other (e.g., late filing surcharge) 1806 Submission of an Information Disclosure Statement | 180.00 |

| | |
|------------------------------------|--|
| SUBMITTED BY | |
| Signature | Registration No. 31,868 Telephone (617) 439-2194 |
| Name (Print/Type) David J. Powsner | Date 11/7/05 |

| | |
|--|-------------------------------|
| Fee Transmittal | |
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PTO/SB/92 (09-04)

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Application No. (if known): 09/823,940

Attorney Docket No.: 102374-0015RCE

Certificate of Mailing under 37 CFR 1.8

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on 11/7/05
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David J. Powsner

Typed or printed name of person signing Certificate

31,868

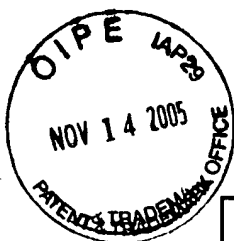
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IDS (Citation) by Applicant (6 pages)



PTO/SB/08a/b (07-05)

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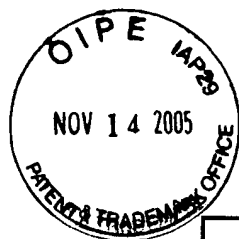
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|---|---|--------------------------|------------------------|------------------------|----------------|
| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | | | |
| | | Application Number | 09/823,940-Conf. #7591 | | |
| | | Filing Date | March 30, 2001 | | |
| | | First Named Inventor | Robert Martin | | |
| | | Art Unit | 2126 | | |
| | | Examiner Name | H. N. Patel | | |
| Sheet | 1 | of | 6 | Attorney Docket Number | 102374-0015RCE |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA* | US-4,771,425 | 09-13-1988 | Baran et al. | |
| | AB* | US-4,872,159 | 10-03-1989 | Hemmady et al. | |
| | AC* | US-4,893,302 | 01-09-1990 | Hemmady et al. | |
| | AD* | US-4,922,486 | 05-01-1990 | Lidinsky et al. | |
| | AE* | US-4,958,341 | 09-18-1990 | Hemmady et al. | |
| | AF* | US-5,282,244 | 01-25-1994 | Fuller et al. | |
| | AG* | US-5,341,374 | 08-23-1994 | Lewen et al. | |
| | AH* | US-5,452,289 | 09-19-1995 | Sharma et al. | |
| | AI* | US-5,463,629 | 10-31-1995 | Ko | |
| | AJ* | US-5,550,906 | 08-27-1996 | Chau et al. | |
| | AK* | US-5,568,475 | 10-22-1996 | Doshi et al. | |
| | AL* | US-5,583,872 | 12-10-1996 | Albrecht et al. | |
| | AM* | US-5,619,508 | 04-08-1997 | Davis et al. | |
| | AN* | US-5,659,541 | 08-19-1997 | Chan | |
| | AO* | US-5,726,984 | 03-10-1998 | | |
| | AP* | US-5,751,706 | 05-12-1998 | Land et al. | |
| | AQ* | US-5,764,628 | 06-09-1998 | Davis et al. | |
| | AR* | US-5,787,088 | 07-28-1998 | Dagdeviren et al. | |
| | AS* | US-5,822,420 | 10-13-1998 | | |
| | AT* | US-5,848,069 | 12-08-1998 | Milne et al. | |
| | AU* | US-5,978,373 | 11-02-1999 | Hoff et al. | |
| | AV* | US-5,862,134 | 01-19-1999 | Deng | |
| | AW* | US-5,999,525 | 12-07-1999 | | |
| | AX* | US-6,009,469 | 12-28-1999 | Mattaway et al. | |
| | AY* | US-6,026,087 | 02-15-2000 | Mirashrafi et al. | |
| | AZ* | US-6,034,953 | 03-07-2000 | Smith, Jr. | |
| | AA1* | US-6,069,879 | 05-30-2000 | Chatter | |
| | AB1* | US-6,081,591 | 06-27-2000 | | |
| | AC1* | US-6,188,760 | 02-13-2001 | Oran et al. | |
| | AD1* | US-6,407,997 | 06-18-2002 | DeNap et al. | |
| | AE1* | US-20010028649-A1 | 10-11-2001 | Pogossiants et al. | |
| | AF1* | US-5,970,066 | 10-19-1999 | Lowry et al. | |
| | AG1* | US-5,841,840 | 11-24-1998 | Smith et al. | |
| | AH1* | US-5,901,205 | 05-04-1999 | Smith et al. | |
| | AI1* | US-6,724,747 | 04-20-2004 | Arango et al. | |
| | AJ1* | US-6,229,803 | 05-08-2001 | Bog et al. | |
| | AK1* | US-6,108,704 | 08-22-2000 | Hutton et al. | |
| | AL1* | US-6,075,784 | 06-13-2000 | Frankel et al. | |
| | AM1* | US-6,061,392 | 05-09-2000 | Bremer et al. | |
| | AN1* | US-6,029,203 | 02-22-2000 | Bhatia et al. | |
| | AO1* | US-6,021,158 | 02-01-2000 | Schurr et al. | |
| | AP1* | US-5,999,965 | 12-07-1999 | Kelly | |
| | AQ1* | US-5,881,060 | 03-09-1999 | Morrow et al. | |
| | AR1* | US-5,987,102 | 11-16-1999 | Elliott et al. | |
| | AS1* | US-5,889,845 | 03-30-1999 | Staples et al. | |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|



PTO/SB/08a/b (07-05)

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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 09/823,940-Conf. #7591 |
| | | | | Filing Date | March 30, 2001 |
| | | | | First Named Inventor | Robert Martin |
| | | | | Art Unit | 2126 |
| | | | | Examiner Name | H. N. Patel |
| Sheet | 2 | of | 6 | Attorney Docket Number | 102374-0015RCE |

| | | | | | |
|--|------|--------------|------------|-------------------|--|
| | AT1* | US-5,841,841 | 11-24-1998 | Dodds et al. | |
| | AU1* | US-5,799,317 | 08-25-1998 | He et al. | |
| | AV1* | US-5,764,750 | 06-09-1998 | Chau et al. | |
| | AW1* | US-5,757,895 | 05-26-1998 | | |
| | AX1* | US-5,742,596 | 04-21-1998 | Baratz et al. | |
| | AY1* | US-5,706,286 | 01-06-1998 | Reiman et al. | |
| | AZ1* | US-5,636,218 | 06-03-1997 | Ishikawa et al. | |
| | AA2* | US-5,617,423 | 04-01-1997 | Li et al. | |
| | AB2* | US-5,581,596 | 12-03-1996 | Hogan | |
| | AC2* | US-5,553,063 | 09-03-1996 | Dickson | |
| | AD2* | US-5,535,204 | 07-09-1996 | Li | |
| | AE2* | US-5,453,986 | 09-26-1995 | Davis et al. | |
| | AF2* | US-5,384,840 | 01-24-1995 | Blatchford et al. | |
| | AG2* | US-5,329,619 | 07-12-1994 | Page et al. | |
| | AH2* | US-4,977,556 | 12-11-1990 | Noguchi | |
| | AI2* | US-4,949,373 | 08-14-1990 | Baker, Jr. et al. | |
| | AJ2* | US-4,899,333 | 02-06-1990 | Roediger | |
| | AK2* | US-4,872,160 | 10-03-1989 | Hemmady et al. | |
| | AL2* | US-4,872,158 | 10-03-1989 | Richards | |
| | AM2* | US-4,757,497 | 07-12-1988 | Beierle et al. | |
| | AN2* | US-4,656,624 | 04-07-1987 | Collins et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | BA | -JP 404324734 A | 11-13-1992 | Matsuzaki | | |
| | BB | -JP 406338887 A | 12-06-1994 | Otsu | | |
| | BC | -JP 408111692 A | 04-30-1996 | Fujino et al | | |
| | BD | -JP 409214484 A | 08-15-1997 | Usuha et al. | | |
| | BE | -JP 410051453 A | 02-20-1998 | Osaka et al. | | |
| | BF | -WO 97/27692 | 07-31-1997 | Blair et al. | | |
| | BG | -WO 97/23078 | 06-26-1997 | Huang, Lisheng | | |
| | BH | -WO 99/34612 | 07-08-1999 | Gunasekar, Duraisamy et al. | | |
| | BI | -WO 98/118235 | 04-30-1998 | Caterisano, Terry A. | | |
| | BJ | -WO 98/20701 | 05-14-1998 | Bernstein | | |
| | BK | -JP 410126819 A | 05-15-1998 | Polley et al. | | |
| | BL | -JP 409247214 A | 09-19-1997 | Inoue | | |
| | BM | -JP 408274812 A | 10-18-1996 | Fujii et al. | | |
| | BN | -JP 407307789 A | 11-21-1995 | Koyama | | |
| | BO | -JP 406105384 A | 04-15-1994 | Yamato et al. | | |
| | BP | -JP 402065498 A | 03-06-1990 | Mori et al. | | |
| | BQ | -EP 000789470 A2 | 08-13-1997 | Hortensius et al. | | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|



PTO/SB/08a/b (07-05)

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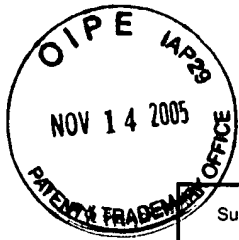
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| | | | | Application Number | 09/823,940-Conf. #7591 |
| | | | | Filing Date | March 30, 2001 |
| | | | | First Named Inventor | Robert Martin |
| | | | | Art Unit | 2126 |
| | | | | Examiner Name | H. N. Patel |
| Sheet | 3 | of | 6 | Attorney Docket Number | 102374-0015RCE |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | Telephony and data networks, Internet for Business (4 pp.) March 1, 1997 | |
| | CB | Homework Dual Tech System for Circuit-Switched and IP Telephony," ADC Telecommunications, Inc., 6 pp. (1998) | |
| | CC | Search results for articles about Vienna Systems and voice, or data or integrat, 36pp. (1997, 1998) | |
| | CD | William Stallings, Ph.D., Data and Computer Communications, Chapter 14, Internetworking, 33 pp. | |
| | CE | Search results for articles about Vina /100 bundle, 52pp. (1997, 1998) | |
| | CF | AG Communication Systems, "Infrastructure for DSL Solutions - AGCS," by Mark Emery, printed from agcs.com/techpapers/dsl_inf.htm , pp 1-6 (09/13/00). | |
| | CG | Search results for articles about Homework access platform and ADC, 10pp. (1995-1996) | |
| | CH | Profiling the Current Market, Telecommunications Americas Edition, Vol. 32, 5 pp. (October 1998) | |
| | CI | RHCs Handle IP the Vienna Way, internetTelephony News Of The Week, 2pp. (September 3, 1996) | |
| | CJ | Telephony over IP Statement of Work, "ANA Project Completion Report on CA*Phonell: Telephony over IP," printed from enfm.utcc.utoronto.ca/c2/voip/Final-Report.html , pp. 1-7 (09/02/00). | |
| | CK | Vienna.way: Doing it Your Way, PC Magazine Online, 4pp. (10/21/1997) | |
| | CL | Asymmetric Digital Subscriber Line, Alcatel 1000 ADSL, 1 pg. (September 13, 2000) | |
| | CM | PowerVoice Illustration, 1p, April 1997. | |
| | CN | 26 of 150 Documents, PR Newswire Association, Inc., "ADC Receives Contract to Develop Cable Telephony Network for Scandinavian Service Provider Netcom," 2 pp. (10/20/97). | |
| | CO | Table of Contents, Cisco Systems Users Magazine, 36pp. (1997) | |
| | CP | NetSpeak Corporation to Exhibit First Release of Voice over IP, IP-to-PSTN Networking Products, NetSpeak Corporation Press Release. 3 pp. (September 25, 2000) | |
| | CQ | V/IP: Phone/Fax IP Gateway, The Micom V/IP Phone/Fax IP Gateway, http://www3.nortelnetworks.com/product/vip/together.html , 4pp. (9/18/2000) | |
| | CR | Micom sends Voice over IP net., Business Communications Review, Vol. 26, pp. 22-23 (12/1/96). | |
| | CS | V/IP: Phone/Fax IP Gateway, Applications Guide: Complete Voice and Fax Integration Over IP Networks, http://www3.nortelnetworks.com/product/vip/cov.html , 2pp. (9/18/2000) | |
| | CT | Micom V/IP gateway saves TexasBank 42,200 per month; Article May 6, 1997 | |
| | CU | V/IP: Phone/Fax IP Gateway, Putting It All Together, http://www3.nortelnetworks.com/product/vip/together.html , 6pp. (9/18/2000) | |
| | CV | Voice-over-DSL patent battle looming?, Network World Fusion, 3 pp. (September 3, 2000) | |
| | CW | Micom, V/IP Phone/Fax IP Gateway, Voice Interface Cards and PC Software, 6pp. | |
| | CX | MICOM showcases new V/IP phone/fax IP gateway at Internet World, 2 pp. (12/11/96). | |
| | CY | Thompson, George A., Micom Communications Corp, Corporate Profile, Digital Age, v16, n6, | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|



PTO/SB/08a/b (07-05)

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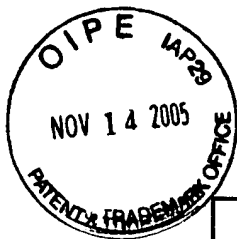
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| | | | | Art Unit | 2126 |
| | | | | Examiner Name | H. N. Patel |
| Sheet | 4 | of | 6 | Attorney Docket Number | 102374-0015RCE |

| | | |
|-----|---|--|
| | p7(1), 3pp. (June 1997) | |
| CZ | VINA Technologies, M2 Presswire, 4 pp. (July 15, 1998) | |
| CA1 | Nortel Networks, Media Center: News and Events, 2pp. | |
| CB1 | David P. Koester, "Fiber Distributed Digital Interface (FDDI)," 1 pg. (10/22/95). | |
| CC1 | Micom, Integrated Networking: Voice and Fax Share LAN/WAN Connections, 16pp. (1995) | |
| CD1 | Description of CopperCom, Inc., Chapter 1, Introduction, through Chapter 9, Financial Projections, 37 pp. | |
| CE1 | Micom: Marathon Data/Voice WAN Solutions, Applications Guide, 56pp. (1997) | |
| CF1 | Computer Telephony, Vol. 5, Issue 4, 3 pp. (April 1997). | |
| CG1 | Short, Kristin Illene, "Towards Integrated Intranet Services: Modeling the Costs of Corporate IP Telephony", Massachusetts Institute of Technology, 80pp. (September 1997) | |
| CH1 | Sears, Andrew Lester, "Directory Services for Internet Telephony: Creating a Spanning Layer Over the Internet and Telephone Networks", Massachusetts Institute of Technology, 39pps. (8/8/2000) | |
| CI1 | Reference: Rulemaking 8775 - ACTA Petition on Internet Telephony - ACTA Petition on Internet Telephony before the Federal Communications Commission, 15pp. (October 11, 2005) | |
| CJ1 | "Fast & Furious," MICOM Communications Corp., 1 pg. (05/15/97). | |
| CK1 | Press Release: CLECS and Service Providers Line Up Behind VINA Technologies' T1 Integrator, 3 pp. (May 5, 1998) | |
| CL1 | Nortel Networks, Products Documentation Webpage, 2pp. | |
| CM1 | Powerpoint Presentation to MCI, Reducing the Cost of Network Access, 28 pp. (December 9, 1997) | |
| CN1 | Cisco Introduces First Internetworking Routers with Built-In DSR/CSU Telecommunications Functionality, printed from ieng.com/warp/public/146/pressroom/1996/Mar96, 2 pp. (09/06/00). | |
| CO1 | CopperCom, Creating Voice Services Over Broadband, 19 pp. (September 2, 2000) | |
| CP1 | V/IP: Phone/Fax IP Gateway, V/IP Applications, http://www3.nortelnetworks.com/product/vip/applicaiton.html , 3pp. (9/18/2000) | |
| CQ1 | Corporate Fact Sheet, CopperCom - Company Info, 3 pp. (September 2, 2000) | |
| CR1 | Kenneth Guy, Business Landscape, "Save as you speak," <i>The Daily Yomiuri</i> , 5 pp. (02/19/97). | |
| CS1 | T. Kent Elliott, powerpoint presentation: The Effect of Internet Telephony on Business, 39 pp. | |
| CT1 | Micom, V/IP Voice Gateway, PC Magazine Online, 3pp. (10/21/1997) | |
| CU1 | Zooming toward 2000, Special Report: China; ISSN: 1067-6317, 5 pp. (November 1996) | |
| CV1 | John Peters, "Voice on the Net, Commercialization of Internet Telephony," Powerpoint presentation, 20 pp. | |
| CW1 | Complete Voice and Fax Integration Over IP Networks, VIP Phone/Fax IP Gateway, 8 pp. | |
| CX1 | Inter-Tel Illustration from April 1997, 1p. | |
| CY1 | Computer Telephony, Vol. 4, Issue 9, 5 pp. (December 1996). | |
| CZ1 | Joe Rinde, "Telephony in the Year 2003," MCI, Powerpoint presentation, 20 pp. (03/31/98). | |
| CA2 | IAC (SM) Newsletter Database (TM), "Broadband: ADC Creates Broadband Communications Division,": printed from Lexis-Nexis, pp. 3-5 (08/26/96). | |
| CB2 | Micom Netrunner 75E, Integration Router, 4 pp. (09/20/00). | |
| CC2 | 122 Computer Telephony, Best of Show, "UNPBXs Becoming the Rage" (April 1997). | |
| CD2 | Mishra, et al., "A Hop by Hop Rate-based Congestion Control Scheme," pp. 112-123 (1992). | |
| CE2 | Steve Craddock, "Advancing IP Telephony with Residential Broadband," Spring '98 VON Conference, Powerpoint presentation, 17 pp. (04/01/98). | |
| CF2 | Chris Fair, et al., "Strategic Report Regarding The Deployment of ATM Within NCAR/UCAR," National Center for Atmospheric Research, 25 pp. (09/03/02). | |
| CG2 | Computer Telephony, Vol. 4, Issue 12, 3 pp. (September 1996). | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | 09/823,940-Conf. #7591 | | |
| | | Filing Date | March 30, 2001 | | |
| | | First Named Inventor | Robert Martin | | |
| | | Art Unit | 2126 | | |
| | | Examiner Name | H. N. Patel | | |
| Sheet | 5 | of | 6 | Attorney Docket Number | 102374-0015RCE |

| | |
|-----|---|
| CH2 | Network Media - IP/PSTN Gateway, printed from networkmedia.demon.co.uk/content/vienna.html, 5 pp. (09/02/00). |
| CI2 | Metropolitan-area Networks, IEEE Spectrum, pp. 40-42 (May 1990) |
| CJ2 | Jeffre R. Shapiro, Computer Telephone Strategies, Chapter 12: CT and the Cyberspace Phenominon, 8 pp. |
| CK2 | Storage Admin (Windows & .NET Magazine Network), NY News Network, 9 pp. (September 3, 2002) |
| CL2 | PC Magazine: Divide and Conquer, "Now your company can communicate like the big guys. A sub-T1 leased line--plus a low-end multiplexer--boosts connections," 1 pg., (02/06/96). |
| CM2 | Applications Guide, Complete Voice and Fax Integration Over IP Networks, V/IP Phone/Fax IP Gateway, 15 pp. (September 10, 2000). |
| CN2 | Lexis-Nexis printout: T1: CLECS and Service Providers Line Up Behind VINA Technologies' T1 Integrator, 3 pp. (May 11, 1998) |
| CO2 | Lexis-Nexis printout: More on Vina's T1 Integrator For Voice, Data, 2 pp. (June 3, 1997) |
| CP2 | ISDN Overview, Chap. 4, pg. 102 and Part II: Computer Telephony Services, pg. 248. |
| CQ2 | Micom Press, Welcome to Micom's Press Release Page, 4pp. |
| CR2 | Micom News Release, Voice/IP Gateway to Interoperate with Microsoft NetMeeting 2.0 for OffNet Calling, 2pp. (April, 28, 1997) |
| CS2 | V/IP: Phone/Fax IP Gateway, How V/IP Works, http:www3.nortelnetworks.com/product/vip/how.html, 4pp. (9/18/2000) |
| CT2 | Enhancing LAN/WAN Networks, "Integrating Data Voice Fax Lan," by Kenneth R. Guy, Vice President, Marketing and Corporate Strategy, MICOM Communications Group, 20 pp. |
| CU2 | Voice Across the Internet, PC Magazine Online, 2pp. (10/21/1997) |
| CV2 | Search results for articles about Homeworx and Voice and ADC, 25pp. (1996, 1997) |
| CW2 | Search results for articles about Vienna Systems and Voice, Video or LAN, 18pp. (1996, 1997) |
| CX2 | Lucent Technologies Press Release, "Lucent Technologies and VINA Technologies to integrate voice and data onto single line, reducing network costs," 2 pp. (06/02/98). |
| CY2 | Remote Terminal Server for Marathon Integration Products, 2 pp. |
| CZ2 | FOCUS - 88 of 89 Stories, Business Wire, Inc., 6 pp., March 5 1996, Wednesday. |
| CA3 | David D. Bezar, "LAN times Guide to Telephony," 3 pp. |
| CB3 | ADC Telecommunications, "Homeworx™ is HFCComplete: A Lifeline White Paper, 4 pp., printed from bbg.adc.com/Educator/HFC/stories/lifeline/index.html (09/13/00). |
| CC3 | Table of Contents, Cisco Systems Users Magazine, pp 1-37 (September 10, 2000) |
| CD3 | Lexis-Nexis printout: Workgroup router: NetRunner Integration Router; Micom; 1996 Products of the Year; Product InformationBrief Article, Vol. 11, 28 pp. (September 20, 2000) |
| CE3 | CopperCom's Integrated Access System for Residences, Small Office Home Offices, and Small Businesses, Requirements Document, Version 1.0, 33 pp. (October 27, 1997) |
| CF3 | ADC Telecommunications-Annual Report, "To our Shareholders," printed from media.corporate-ir.net/media...adct/adct_980909_200_100/letter.htm, pp. 1-3 (09/13/00). |
| CG3 | Nortel Networks, Products V/IP webpage, 2pp. |
| CH3 | Paradyne Press Release, Paradyne and e-Net Join Forces to Deliver Low-Cost, high-Speed Hig-Fidelity DSL-Supercharged Data Telephony, 4pp. (June 9, 1997)) |
| CI3 | Search results for articles about Alcatel and Pots Splitter, 26pp. (1998) |
| CJ3 | "ADC Introduces HomeworxT Forward Path Receiver for Hub and Office Environments," Press Release printed from stele.adc.com, 1 pg. (09/13/00). |
| CK3 | Yang, et al., "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks," IEEE Network Magazine, Vol. 9, 16 pp., July/Aug. 1995. |
| CL3 | Micom Surpasses 1,200 Voice/IP Gateway - Vol. 9, pp. 6-7 (April 1997) |
| CM3 | Dialog printout, No. 131., 29/9/131 (Item 114 from file 275), pp 56-58 (August 1, 2000) |
| CN3 | ADC Telecommunications, Inc., "High-Performance Homeworx™ 1550nm Optical Headend |

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| Sheet | 6 | of | 6 | Attorney Docket Number | 102374-0015RCE |

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|--|-----|---|--|
| | | Platform Increases Capabilities for Distribution and Supertrunking," 1 pg. (June 4, 1997). | |
| | CO3 | V/IP Phone/Fax IP Gateway, Analog Models NetWare and DOS User's Manual, 232pp. (September 1997) | |
| | CP3 | "ADC Provides Homeworx TM Telephony System to Nanjing CATV," printed from stele.adc.com, 1 pg. (09/13/00). | |
| | CQ3 | Final Network Status Report, LEARN-ED Deliverable 12, 22 pp. (03/10/97). | |
| | CR3 | IBM Nways ATM Solutions Fact Sheet , "Award-winning, industry-leading, low-cost, end-to-end ATM solutions," pp. 1-15 (March 11, 1997). | |
| | CS3 | "Dual Path Receiver Added to ADC's Line of Homeworx TM AM Transmission Products," printed from stele.adc.com, 1 pg. (9/13/2000). | |
| | CT3 | Micom, Cell Relay for SUB T1/E1 Networks, Overview: Data, Voice, Fax and LAN Integration, 19pp. (1995) | |
| | CU3 | Bandwidth Management Technologies, An Intoduction to Micom's Frame Relay, Cell Relay and Fast Packet Technologies, Part 1: MicroBand ATM Cell Relay, 31 pp. | |
| | CV3 | Yang et al., "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks," IEEE Network Magazine, Vol. 9, pp. 1-17 (1995). | |

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